

Notice of Allowability

Application No.

10/797,682

Examiner

Peter J. Macchiarolo

Applicant(s)

FARIZON ET AL.

Art Unit

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 10/07/2005.
2. ☒ The allowed claim(s) is/are 1-4 and 6-8.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Acknowledged Receipt

Receipt is acknowledged of the amendment to the claims, all of which were filed on 10/07/2005. The above have been considered and entered.

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Rich LaPeruta on 12/08/05.

The application has been amended as follows:

- 1. (currently amended) Electron gun comprising at least one emissive cathode of substantially tubular shape, held in place using support means comprising:
 - an eyelet surrounding the cathode, and
 - a metal plate substantially parallel to the longitudinal axis Z of the gun comprising a central part folded so as to partially surround the eyelet, this central part having in the direction of the longitudinal axis a width L' and two side arms extending on each side of the central part, the side arms having in the direction of the longitudinal axis a width L'' and being terminated by ends folded so as not to

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be aligned with said arms, said ends being dedicated to be inserted into a glass bead,

wherein a connecting region that connects the central part to the side arms has, in the direction of the longitudinal axis, a width L which is greater than the width L" of the side arms in the same ~~direction~~ direction.

wherein the width L' is less than the width L.

- 5. (canceled)
- 8. (currently amended) A cathode-ray tube comprising an electron gun, said electron gun comprising at least one emissive cathode of substantially tubular shape, held in place using support means, said support means comprises:
 - an eyelet surrounding the cathode, and
 - a metal plate substantially parallel to the longitudinal axis Z of the gun comprising a central part folded so as to partially surround the eyelet, this central part having in the direction of the longitudinal axis a width L' and two side arms extending on each side of the central part, the side arms having in the direction of the longitudinal axis a width L" and being terminated by ends folded so as not to be aligned with said arms, said ends being dedicated to be inserted into a glass bead,

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wherein a connecting region that connects the central part to the side arms has, in the direction of the longitudinal axis, a width L which is greater than the width L" of the side arms in the same ~~direction~~ direction,
wherein the width L' is less than the width L.

Allowable Subject Matter

Claims 1-4, and 6-8 are allowed.

Regarding independent claims 1 and 8, the prior art discloses a support means for an electron gun similar to Applicant's (see for example USPN 5492226 to Hwang et al). However, the prior art fails to teach or suggest the width L' is less than the width L in combination with the remaining limitations of the claims.

Claims 2-4, 6, and 7 are allowable due to their dependency.

Any comments considered necessary by the Applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of reasons for Allowance."

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter J Macchiarolo whose telephone number is (571) 272-2375. The examiner can normally be reached on 8:30 - 5:00, M-F.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimeshkumar D Patel can be reached on (571) 272-2475. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).




JOSEPH WILLIAMS
PRIMARY EXAMINER